



HF Happenings



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South African Radio League * Suid-Afrikaanse Radioliga
Member Society of the International Amateur Radio Union since 1925
www.sarl.org.za www.iaru.org www.iaru-r1.org

June
2014

Summits on the Air

During the long weekend (12a to 16 June) there will be some SOTA Activity from the Free State and Mpumalanga.

From Secunda comes the news that Gert, ZS6GC, Lucas, ZS6ACT, Sid, ZS5AYC, Adele, ZS5APT, Willie, ZS6WBT, Hoffie, ZS6BAB and Christo, ZR6LJK, will activate Wynberg, MP-005 on Saturday 14 June. On Sunday 15 June, they are planning to activate Kanonkop, MP-007 and there is a possibility of activating Ossewakop, MP-004 on Monday 16 June. They will be active on 7 090, 14 160 kHz and 145.525 MHz after 09:00 CAT on each day.

Sid, ZS6AYC, and Adele, ZS5APT, have indicated that they may activate a few summits later in the week. Sid mention Mount Anderson, MP-002 as a possibility.

Then Dennis, ZS4BS, plans to activate Mount Paul, FS-012 on Saturday 14 June with activity from about 09:30 CAT on 7 090, 14 160 kHz and 145,500 MHz (for radio amateurs in Bethlehem and Harrismith!) There is also a geocache on Mount Paul - GC3HRT1 - that I need to find! I am thinking about activating Platberg, FS-004 on Sunday 15 June.

It is hoped to make the first summit to summit QSO in South Africa on Saturday 14 June. A challenge is issued to activate other summits during the long weekend. The South African Association Reference Manual is available at www.zs4bfn.co.za/sota.asp. Also visit the SARL and Zone 38 Facebook pages for updates.

SARL Top Band QSO Party

This is a fun activity to promote contacts on 160 metres between radio amateurs in Southern African countries and to encourage radio amateurs to apply for the South African Radio League's Top Band Certificate. The QSO Party is open to all licensed amateurs that have access to the 160 metre band.

The QSO Party runs from 00:00 UTC on Thursday 19 June 2014 to 00:00 UTC on Sunday 22 June 2014. The following modes and frequencies must be used - Phone: 1 840 to 1 850 kHz and CW 1 810 to 1 838 kHz

The exchange is a RS(T) report and provincial or country abbreviation. Following the QSO, the station must change dial frequency by at least 2 kHz for the next QSO, unless a period of 10 minutes has lapsed between contacts. The frequency of each QSO must be shown on the log sheet.

Each station can be worked once per mode i.e. once on Phone and again with CW. Each contact will count three (3) points. Each South African call area and each DXCC country worked will be awarded with five

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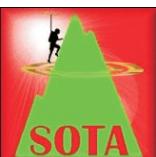
Have **YOU** done
anything today to
Promote
Amateur Radio?

June

1 - Comrades Marathon
5 - 80th birthday of my
Mother-in-law; World En-
vironmental Day
8 - ZS4 Sprint; World
Oceans Day; Pentecost
14 and 15 - Calitzdorp
Port and Wine Festival
15 - Father's Day
16 - Youth Day
17 - World QRP Day
19 to 22 - SARL Top
Band QSO Party
21 - Radio Technology in
Action in Durban
27 - Schools close
27 to 29 - Ham Radio
2014 in Friedrichshafen,
Germany; Wildsbees, Kirk-
wood
28 - Start of Ramadan
28 and 29 - ARRL Field
Day

July

12 and 13 - IARU HF
Championships; WRTC
2014
19 - Winter QRP Contest
21 - Schools open
26 and 27 - RSGB IOTA
Contest
28 - Eid-ul-Fitr



Current Summits-on-the-Air (SOTA) activities are announced at www.sotawatch.org
And more SOTA information can be found at www.sota.org.uk and www.zs4bfn.co.za/sota.asp

HF Happenings

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(5) additional bonus points. Total Score = (Total QSO points) + (Bonus points). Log sheets must be submitted by 30 June 2014 to contest@sarl.org.za.

SARL Top Band Certificate. Its aim is to encourage more 160 m QSOs with southern African countries. South African stations must submit proof of having contacted at least six different southern African call areas, of which at least five must be in the Republic of South Africa. The sixth contact can be from the remaining South African call area (ZS), or from any of the bordering countries (Botswana, Lesotho, Mozambique, Namibia, Swaziland or Zimbabwe).

IARU HF Championships

The objective is to contact as many other amateurs, especially IARU member society HQ stations, around the world as possible using the 160, 80, 40, 20, 15 and 10 metre bands. No contest QSOs on 12, 17, 30 or 60 metres. On any band, a station may be worked once on Phone (in the Phone segment) and once on CW (in the CW segment).

The contest takes place on the second full weekend of July, beginning 12:00 UTC Saturday and ending 12:00 UTC Sunday - 12 and 13 July 2014. Both Single and Multi operator stations may operate the entire 24-hour period.

The contest exchange - IARU member society HQ stations send signal report and official IARU member society abbreviation. IARU International Secretariat club station NU1AW counts as a HQ station. Members of the IARU Administrative Council and the three IARU regional Executive committees send "AC," "R1," "R2," and "R3" as appropriate. All others send signal report and ITU zone. A complete exchange must be logged for each valid QSO.



International Museums Weekends

International Museums Weekends are on the air again for the weekends of 14 and 15 June and 21 and 22 June. More details about the event can be found at www.radio-amateur-events.org/ including a list of the stations registered. Please listen for these stations and give them a call. An award certificate can be obtained for 5 and 20 stations worked or 10 heard by a SWL.

ARRL Kids Day

The next ARRL Kids Day operating event sponsored by the Boring Oregon Amateur Radio Club is planned for Saturday 21 June. Kids Day is not a contest but rather a twice yearly way for licensed amateurs to share the fun and excitement of our hobby with those who could be the next generation of licensees.

Kids Day runs from 18.00 to 23.59 UTC. To take part you just need to invite non-amateur youngsters to your station, with, of course, their parental consent and approval. Once the event begins simply call "CQ Kids Day". If you make contact, the preferred exchange would be your guest's name, age, location, and favourite colour. More information including a free printable certificate can be found on the web at www.arrl.org/kids-day.



The Kid from Kempton Park

Railways on the Air

Railways on the air weekend takes place every year on the weekend closest to 27 September. This date celebrates the anniversary of the first steam powered passenger railway, which took place on 27 September 1825. The first passenger train ran on a line in the North East of England from Darlington to Stockton.

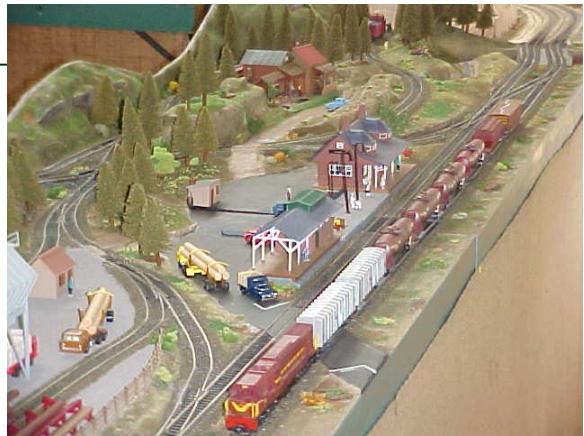


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Locomotive on Voortrekker Street, Fauresmith

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Bishop Auckland Amateur Radio Club coordinates this event. Now in its seventh year, the 2014 event will take place on 27 and 28 September. For more details please visit www.rota.barac.org.uk.



From South Africa, we could have activity from the Apple Express in Port Elizabeth, the Outeniqua Choo-Tjoe in George, the Railway Museum in Riebeeckstad, just north of Welkom, Atlantic Rail in the Cape Town area, Sandstone Estate at Ficksburg and the Umgeni Stream Railway from Kwazulu-Natal. There may be other venues as well to activate Railways-on-the-Air. What about model railways - HO scale! Or model live steam - Modeno Park here in Bloemfontein.

Guest operation in Brazil during FIFA 2014 World Cup



The Brazilian Amateur Radio League, LABRE, has filed a request and obtained special permission from ANATEL, the Brazilian Telecommunication authority, for foreign amateurs wishing to operate during the FIFA World Cup. Radio amateur operators who visit Brazil for the 2014 FIFA World Cup will be able to be on air without bureaucracy.

During June and July, any foreign amateur will be able to operate in Brazil regardless of the existence of reciprocity agreement between countries. No IARP or CEPT license are necessary and no fees are required.

Amateurs who wish to operate in Brazil must send to LABRE the following documents - Copy of a valid passport (identification pages); Copy of amateur radio license of his/her country; List of cities in which he/she intends to operate and the respective periods and E-mail address for contact. The documents must be scanned and sent to executiva@labre.org.br

For further information, contact George Gorsline, VE3YV, RAC International Affairs Officer at e-mail VE3YV@rac.ca

QRZ plugin for Google Chrome

If you are a user of Google's Chrome browser, then QRZ.com has published a free browser extension that will let you highlight and right click on any call sign, on any web page from any website and instantly perform a QRZ lookup. The plugin is now available in the Chrome Web Store <https://chrome.google.com/webstore/search/QRZ>

African Islands

ZD9, Tristan da Cunha. Pierre, ZS1HF (ex-ZS8M), who is currently on Gough Island (AF-030) and active as ZD9M, will be joined by another operator from South Africa, Julian who recently got his ZS3JG license. He has asked for the call sign ZD9JG. Both operators will be there until October.



SU, Egypt. A team from the Egyptian Radio Amateurs Society for Development will again be active as SU8N from Nelson's Island, AF-109 between 13 and 20 June.

CT9, Madeira. Rene, DL2JRM, will be active as CT9/DL2JRM from Madeira (AF-014) between 12 and 19 June. Activity will be on 80 to 10 meters CW. QSL via his home call sign, direct or by the Bureau.



African DX

ET, Ethiopia. Ken, K4ZW, will once again be back in Addis Ababa for the next three weeks. Look for him to operate from the ET3AA club station on the weekends of 14 and 15 June and 21 to 23 June. It was mentioned that Ken will operate on some RTTY again. QSL ET3AA via N2OO.

One of the most common questions asked about our hobby is 'What is amateur radio?' This could come from a friend or family member trying to work out what the aerial farm in the garden is all about, or passers-by at the various ham radio field events that take place across the country

To try to help answer the question, and to help bring new people into the hobby, Essex Ham in the UK produced a "What is Amateur Radio" video last year. This seven minute feature was distributed online, played at club nights used at a couple of public-speaking events in the area, and distributed on DVD to interested parties.

A second version was prepared last year, focusing more on the Foundation syllabus, to help people interested in starting their amateur radio journey.

In response to some very positive feedback on these videos, Essex Ham has produced a couple of new ones. These focus more on the social and interactive side of the hobby, and less on the learning / courses. They are also shorter. The original 7 minute version is joined by new 4 minute and 2 minute versions.

The Essex Ham videos are available at <http://www.essexham.co.uk/videos>

DXing, Competition and Anti-Social Pileup Behaviour - KY6R

It told some of the "story" <https://www.youtube.com/watch?v=sVlIfrFA-1E>, Another part of the story is told in the DX Code of Conduct <http://www.dx-code.org/>

I see both of these as "Good Operating Practices" or perhaps called "Best Practices". I also know that the people most likely to read these and practice them are people who are concerned about improving their operating skills. There are plenty of people who thumb their nose at such "guidelines".

I've been a ham since 1973, but was inactive from 1977 - 2001. In 2001 I got back in the hobby as a DXer. I simply don't remember much about DXing between 1973 and 1977, so can't compare "the good old days" to now. For me, "the good old days" are always *right now*.

Since 2001, I have seen more and more nasty behaviour on the bands. There have always been the guys who forgot to hit their split button - or have their split set as "A=B" unknowingly. I have done this on occasion - but very seldom, but I think we all have at some point. That has never bothered me - because sooner or later that QRM clears itself up. You even hear the DXer say "sorry". What is disconcerting is what I call "bedlam". This is where there are "snipers" or people so angry at the DX pileups that they want to jam them.

Concurrent with the rise of this "bedlam", I have seen more miscreant behaviour in society in general. I have worked in San Francisco most of the years that I have been in the software industry - which is since 1981. In the 1980s - there were actually few IT jobs in the City - most of it was concentrated down in Silicon Valley - or the Peninsula. If you had an IT job in San Francisco, you were one of a relative few. Most of the jobs seemed to be more in the

financial sector. Downtown San Francisco seemed relatively "quiet".

Then, in the late 1990s the (unfortunate) "Dot Com Boom" hit - and it was pure bedlam. San Francisco swelled with what seemed like a New Gold Rush, but most of the supposed "business plans" were phoney baloney - more wishes than reality. However, many of these received funding, burned through cash in a couple of years and then tanked. It was a massive "bubble". And now - we have just recovered from the Real Estate bubble. It was competition run amok.

All of this wackiness was fuelled by an almost insane level of competition. Hyper competition based on the dream of get rich quick. Greed?

And I think this sort of behaviour has entered DXing. We now have many more competitive on air activities that overlap - not just once, but many times over. I think this breeds frustration - not unlike competition I see now in a very crowded downtown San Francisco - where people are competing for seats on BART (the train), the parking lot to get on BART, the line at the coffee shop, the line at a popular food truck. It seems there is no end to competition - even over very silly little things. (Overnight lines to purchase an iPhone?).

I think there are many more DXers who are retired and on the bands many more hours. I will be one of these in 10 years. When you combine so many overlapping DXing on air "activities", nets, round tables, etc. - you will get competition. Then you will get frustrated people engaging in turf wars ("We have been running this net on this frequency at this time since 1930") or their detractors ("You do not have a lock on this frequency - we were here first today"). On top of that, add in a pileup spread that edges in, a

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second pileup whose frequencies over lap, a weekend long contest, and then there is a cacophony of out of control rage and jamming.

Meanwhile - "up the band" - there are whole sections that are quiet and clear. Go figure. Is our "band plan" serving us well these days?

Some of these on the air activities overlap. The amount of competition for "band mode slots" is almost comical. I have witnessed so many people working the same band mode slot - once for one on air activity or contest, and then again for another. It's become a "hoarding mentality", and I can only attribute the rise in this to more people on the air - with more free time to do so. Many - (like myself) have come back into the hobby after years of raising a family and being too busy launching their careers. It certainly isn't because of an influx of young people getting into DXing ...

I am all for competition, and consider myself maybe not an "A Personality" but more like a "B Personality". But because of all of the on the air bedlam I dropped out of chasing the DXCC Challenge, and have avoided IOTA and the DX Marathon completely. I don't participate in contests any more - I used to - when I was chasing band slots for the DXCC Challenge. In fact, I have peeled back my awards chasing to just two - DXCC Honour Roll #1 - which gets me in serious pileups twice a year, and DXCC on 160 M - which is a band I am addicted to.

I have nothing against these awards - but have come to the conclusion that for me - neither give me any where near the enjoyment that DXCC Honour Roll or 160 M DXCC give me. I decided to "Do a couple things and do them well". In fact, I replaced

my multi band antennas with mono banders - and have tuned and tweaked the performance of my small lot antenna farm and reduced "negative reaction" to almost zero. I learned a ton in the process, and love mono band antennas so much more than multi-band antennas - now properly placed. This was a *huge unintended benefit* from peeling back my on the air activities. I actually transferred my activities - from chasing awards - to having QSOs with VK - ZL and ZS stations and using the Reverse Beacon Network - to do real scientific testing of my antennas. I am a morning West Coast Long Path Junkie. I like this so much - I don't need no stinkin badges (awards) to prove my mastery of the Long Path (heh heh). I am having more fun than just checking off "bingo slots". Of course - we all get to define our kind of fun - I don't mean to impose my approach on anyone - just document my "journey".

Ironically - this is a high level of competition (with myself - improving the efficiency of my station), but - at the same time - I have reduced the amount of time I'm in pileups - contributing to the "throng of bollocks" that we have seen on the bands in recent years.

This work has led me to working the DX in pileups much faster than I used to and has given me a much higher level of satisfaction - call it Quality over Quantity.

Which then leaves me more time to go mountain biking - another hobby I love as much as ham radio. It's all better on multiple levels!

Good DX to you.



Contest Calendar

This week's contests compiled by Bruce Horn, WA7BNM. The period covered is 9 to 16 June 2014

NCCC RTTY Sprint

01:45 - 02:15 UTC 13 June

Mode: RTTY

Bands: (see rules)

Classes: (none)

Exchange: (see rules)

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 15 June 2014

E-mail logs to: (none)

Post log summary at: <http://www.3830scores.com/>

Mail logs to: (none)

Find rules at: <http://www.ncccsprint.com/rttyns.html>

NCCC Sprint

02:30 - 03:00 UTC 13 June

Mode: (see rules)

Bands: (see rules)

Classes: (none)

Exchange: (see rules)

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 15 June 2014

E-mail logs to: (none)

Post log summary at: <http://www.3830scores.com/>

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Mail logs to: (none)

Find rules at: <http://www.nccsprint.com/rules.html>

DRCG WW RTTY Contest

00:00 - 07:59 UTC, 16:00 - 23:59 UTC 14 June and

08:00 - 15:59 UTC 15 June

Mode: RTTY

Bands: 80, 40, 20, 15, 10 m

Classes: Single Op All-Band; Single Op All-Band 6

Hrs: Single Op All-Band Unlimited; Multi-Op

Exchange: RST and CQ Zone

Work stations: Once per band

QSO Points: (see rules)

Multipliers: Each DXCC country once per band; Each VK, VE, JA and W call area once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 22 June 2014

E-mail logs to: drcgww@drcg.de

Mail logs to: (none)

Find rules at: <http://www.drcg.de/index.php/en/drcg-ww-rtty-contest/81-sonstiges/94-drcg-ww-rtty-rules>

Asia-Pacific SSB Sprint

11:00 UTC - 13:00 UTC 14 June

Mode: SSB

Bands: 20, 15 m

Classes: Single Op Single Radio

Max power: Asia Pacific: 150 watts; Non-Asia Pacific: maximum legal

Exchange: RS and serial no

Work stations: Once per band

QSO Points: Asia-Pacific: 1 point per QSO; Non-Asia-Pacific: 1 point per QSO with an Asia-Pacific station

Multipliers: Each prefix once

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 21 June 2014

E-mail logs to: apsprint@jsfc.org

Mail logs to: (none)

Find rules at: <http://jsfc.org/apsprint/aprule.txt>

Portugal Day Contest

12:00 UTC 14 June to 12:00 UTC 15 June

Mode: CW, SSB

Bands: 80, 40, 20, 15, 10 m

Classes: Single Op - CW, SSB or mixed

Exchange: CT: RS(T) and district; non-CT: RS(T) and serial no

QSO Points: (see rules)

Multipliers: Each CT region and each DXCC country once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 1 September 2014

E-mail logs to: rep-concursos@rep.pt

Mail logs to: REP Award/Contest Manager, Rua D. Pedro V, No. 7-40, 1250-092 Lisboa, Portugal

Find rules at: http://www.rep.pt/portugal_day_contest/rules.html

GACW WWSA CW DX Contest

15:00 UTC 14 June to 15:00 UTC 15 June

Mode: CW

Bands: 80, 40, 20, 15, 10 m

Classes: Single Op All Band - QRP, low or high; Single Op Single Band - QRP, low or high; Multi-Single; Multi-Multi

Max power: HP: >100 watts; LP: 100 watts; QRP: 5 watts

Exchange: RST and CQ Zone no

QSO Points: 0 points per QSO with same country; 1 point per QSO with different country, same continent; 3 points per QSO with different continent; Non-SA stations: 5 points per QSO with South America

Multipliers: Each CQ zone once per band; Each country once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 30 July 2014

E-mail logs to: logs@wwsatest.org

Mail logs to: GACW DX Contest, PO Box 9, B1875ZAA Wilde, Buenos Aires, Argentina

Find rules at: <http://www.wwsatest.org/basesingles.htm>

QRP ARCI QRP Shootout

15:00 - 21:00 UTC 14 June (CW) and 15:00 - 21:00

UTC 15 June (SSB)

Mode: CW, SSB

Bands: 160, 80, 40, 20, 15, 10m

Classes: Band: All, Single, High or Low - Antenna: 1-element or multi-element

Exchange: ARCI: RS(T), state, province or country and ARCI no; non-ARCI: RS(T), state, province or country and power out

Work stations: Once per band per mode

QSO Points: 5 points per QSO with ARCI member; 4 points per non-member QSO with different conti-

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inent; 2 points per non-member QSO with same continent; Bonus: 5 000 points if you operate portable using battery power and a temporary antenna

Multipliers: Each state, VE province or country once per band per mode

Power Mult: (see rules)

Score Calculation: Total score = (total QSO points x SPC mults x power mult) and bonus points

Submit logs by: 1 July 2014

E-mail logs to: contest@grparci.org

Mail logs to: QRP ARCI Shootout, c/o Jeff Hetherington, 139 Elizabeth St. W., Welland, Ontario L3C 4M3, Canada

Find rules at: <http://www.grparci.org/contests/grparci-contests/127-qrp-shoot-out>

West Virginia QSO Party

16:00 UTC 14 June to 02:00 UTC 15 June

Mode: CW, SSB, Digital

Bands: 80, 40, 20, 15, 10 m

Classes: Single Op - Fixed - CW, SSB, Digital or mixed - QRP, low or high; Multi-Multi - Fixed - CW, SSB, Digital or mixed - QRP, low or high; Mobile - CW, SSB, Digital or mixed - QRP, low or high

Max power: HP: >100 watts; LP: 100 watts; QRP: 5 watts CW, 10 watts phone

Exchange: WV: RS(T) and county; non-WV: RS(T) and state, province or country

Work stations: Once per band per mode

QSO Points: 2 points per SSB QSO with WV mobile; 3 points per CW QSO with WV mobile; 1 point per SSB QSO with fixed; 2 points per CW QSO with fixed

Bonus: 100 points per QSO with W8WVA; WV Mobile

Bonus: 100 points for each county activated

Multipliers: WV Stations: Each WV county once per band

Get on the RaDAR....and GO!



WV Stations: Each state, VE province, DXCC country once; non-WV Stations: Each WV county once

Score Calculation: Total score = (total QSO points x total mults) and bonus points

Submit logs by: 20 July 2014

E-mail logs to: wvqplogs@gmail.com

Mail logs to: Jeffrey Woods, N8NH, 714 Fayette Street, Princeton, WV 24740, USA

Find rules at: <http://www.gsl.net/wvsarc/wvqp/2014wvqsrules.html>

Run for the Bacon QRP Contest

01:00 - 03:00 UTC 16 June

Mode: CW

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Band; All Band

Max power: 5 watts

Exchange: RST, state, province or country and member no or power

Work stations: Once per band

QSO Points: 1 point per QSO with non-member; 3 points per QSO with member on same continent; 5 points per QSO with member on different continent

Multipliers: Each state, province, or country once;

Multiply mults by 2 if >50 members worked

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 22 June 2014

E-mail logs to: (none)

Upload log at: <http://fpqrp.org/pigrun/autolog.php>

Mail logs to: (none)

Find rules at: <http://fpqrp.org/pigrun/>

SU8N 50 Hours on the Air

A

team from The Egyptian Radio Amateurs Society for Development, ERASD, will again be active from Nelson's Island AF-109 this weekend. The team will travel Friday 13 June and stay for 50 Hours.

SU8N Nelson's Island IOTA & Lighthouse DXpedition World Lighthouse on the Air (WLOTA) reference -2694. "Nelson's Island" is approximately 20 kilometres east of the Egyptian port of Alexandria, four kilometres north of Cape Aboukir. Nelson's Island is approximately 350 meters by 150 meters.

Activity will be on the HF bands 7, 14, 18, 21, 24 and 28 Mhz.

The Operators team are Said, SU1SK, Ateff, SU1AO, Ayman, SU1AR Fahmy SU3FM, and Yasser, SU3YM. More information and all update on the ERASD Facebook page at <https://www.facebook.com/erasdnet> The SU8N QSL Manager is SM5AQD via QRZ.COM also, also watch SU8N at <http://www.grz.com/db/SU8N>

We hope to meet you all during the 50 Hours SU8N DXpedition. 73 Said Kamel, SU1SK

HF Happenings

HF Happenings-subscribe@yahoo-groups.com



Next Weeks Contests

CWops Mini-CWT Test, 13:00 - 14:00 UTC, 19:00 - 20:00 UTC 18 June and 03:00 - 04:00 UTC 19 June
NAQCC Straight Key/Bug Sprint, 00:30 - 02:30 UTC 19 June
RSGB 80 m Club Championship, SSB, 19:00 - 20:30 UTC 19 June
SARL Top Band QSO Party, 00:00 UTC 19 June to 23:59 UTC 22 June
NCCC Sprint, 02:30 - 03:00 UTC 20 June
All Asian DX CW Contest, 00:00 UTC 21 June to 24:00 UTC 22 June
SMIRK Contest, 00:00 UTC 21 June to 24:00 UTC 22 June
Ukrainian DX Classic RTTY Contest, 12:00 UTC 21 June to 11:59 UTC 22 June
Stew Perry Topband Challenge, 15:00 UTC 21 June to 15:00 UTC 22 June
Kid's Day Contest, 18:00 - 23:59 UTC 21 June
Feld Hell Sprint, 20:00 - 22:00 UTC 21 June

History this Week, week starting 9 June 14

1178 - Proposed time of origin of lunar crater Giordano Bruno
1644 - Florentine scientist, Evangelista Torricelli described in a letter the invention of a barometer
1770 - Capt Cook runs aground on Australian Great Barrier Reef
1834 - Sandpaper patented by Isaac Fischer Jr, Springfield, Vermont
1848 - First telegraph link between New York City and Chicago
1848 - Samuel F. B. Morse obtained a reissued patent for Morse code.
1849 - Gas mask patented by Lewis Haslett, Louisville, Ky
1883 - First commercial electric railway line begins operation (Chicago El)
1889 - Thomas A. Edison was issued a patent for an "Electrical Distribution System"
1895 - The first U.S. patent for a gasoline-driven automobile by a US inventor was issued to Charles E. Duryea
1922 - Henry Berliner demonstrates his helicopter to US Bureau of Aeronautics

Items used with acknowledgement to The ARRL Letter, Amateur Radio Newsline, OPDX Bulletin, 425 DX Bulletin, DXNL DX Newsletter, ARRL DX News, WIA-News, the RSGB News, Southgate ARC News, DxCoffee and the Islands, Castles & Portable Operations Bulletin